

## **Schedule for E.N.Pistikopoulos Group - AIChE 2016**

### **Time-based order**

**67d** Energy-Based Medium Design for Mammalian Cell Fed-Batch Cultures

**Monday, November 14, 2016: 8:54 AM**

Continental 6 (Hilton San Francisco Union Square)

**Ana L. Quiroga-Campano**, Maria M. Papathanasiou, Efstratios N. Pistikopoulos and Athanasios Mantalaris

**158d** Design, Scheduling and Control: A Simultaneous Approach By Multi-Parametric Programming

**Monday, November 14, 2016: 1:24 PM**

Monterey II (Hotel Nikko San Francisco)

**Nikolaos A. Diangelakis**, Baris Burnak and Efstratios N. Pistikopoulos

**177e** Towards Optimal and Sustainable Operation of Separation Processes: The Computational Approach

**Monday, November 14, 2016: 1:46 PM**

Monterey I (Hotel Nikko San Francisco)

**Maria M. Papathanasiou**, A. Mantalaris and Efstratios N. Pistikopoulos

**247a** On the Robust Explicit Model Predictive Control of Hybrid Discrete-Time Linear Systems

**Monday, November 14, 2016**

Grand Ballroom B (Hilton San Francisco Union Square)

**Richard Oberdieck** and Efstratios N. Pistikopoulos

**309f** Strategies Towards the Robust Multi-Parametric Control of Continuous-Time Systems

**Tuesday, November 15, 2016: 10:00 AM**

Monterey II (Hotel Nikko San Francisco)

**Muxin Sun**, Mario E. Villanueva, Benoit Chachuat and Efstratios N. Pistikopoulos

**390b** A Robust Hybrid Model Predictive Control Framework for Hill Curve Model-Based Systems

**Tuesday, November 15, 2016: 3:33 PM**

Carmel I (Hotel Nikko San Francisco)

**Ioana Nascu**, Richard Oberdieck and Efstratios N. Pistikopoulos

425g Production Planning and Scheduling Integration through Multiparametric Bilevel Mixed-Integer Optimization

**Tuesday, November 15, 2016: 5:09 PM**

Carmel II (Hotel Nikko San Francisco)

**Styliani Avraamidou**, Nikolaos A. Diangelakis, Richard Oberdieck and Efstratios N. Pistikopoulos

514b Multi-Parametric Quadratic Programming: Past, Present and Future

**Wednesday, November 16, 2016: 12:50 PM**

Monterey I (Hotel Nikko San Francisco)

**Richard Oberdieck**, Nikolaos A. Diangelakis and Efstratios N. Pistikopoulos

514c Multiparametric Programming Based Algorithms for Bilevel Mixed-Integer Linear and Quadratic Programming Problems

**Wednesday, November 16, 2016: 1:10 PM**

Monterey I (Hotel Nikko San Francisco)

**Styliani Avraamidou**, Richard Oberdieck, Nikolaos A. Diangelakis and Efstratios N. Pistikopoulos

682b Using Resilience Principles for Prediction of Loss of Containment Events in Batch Operations

**Thursday, November 17, 2016: 12:49 PM**

Monterey I (Hotel Nikko San Francisco)

**Prerna Jain**, Efstratios N. Pistikopoulos and Sam Mannan

787b Intelligent Control Strategies Towards the Intensification of Monoclonal Antibody Production Via Continuous Operation

**Friday, November 18, 2016: 3:37 PM**

Continental 4 (Hilton San Francisco Union Square)

**Maria M. Papathanasiou**, A. Mantalaris and Efstratios N. Pistikopoulos